

ABSTRACT OF THE DISCLOSURE

A radiation image taking apparatus includes a case that contains a radiation detecting unit that has a detection surface in which a photoelectric conversion element that detects a radiation transmitted through an object is located, a grid unit which is detachably attachable to an outside of the case and removes a scattered radiation, and a photo timer unit which is detachably attachable to the outside of the case and measures a dose of the radiation. One of a first mode in which the grid unit is attached to the case, a second mode in which the photo timer unit is attached to the case, and a third mode in which the grid unit is attached to the second mode can be freely used in configuration.